

Summary of Key Facts to be taught, learnt, practised and rehearsed for each year group:

Children should be able to recall at speed – 5-10 seconds.

FS1	FS2	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<ul style="list-style-type: none"> Count to 5. Count beyond 10. Subitise. Find totals by counting objects. Begin cutting items in half. 	<ul style="list-style-type: none"> Count beyond 10. One more/less than up to 10, then 20. Deep understanding of numbers to 10 – making and breaking numbers in different ways. Number bonds to 5 and begin number bonds to 10. Doubling to 10. Evens and odds to 10. Begin to use an addition and subtraction number sentence using +, - and = 	<ul style="list-style-type: none"> Count to and across 100 forwards and backwards. Count in 2s, 5s and 10s. Begin sharing – if I have 10 cakes and I share them between 2 how many cakes each? Etc. One more/less. Practise and use language – equal to, more than, less than, fewer, most, least. Number bonds to 10 and 20. Addition and subtraction facts within 20. Deep understanding of numbers to 100 – making and breaking numbers in different ways. Odds and Evens. Doubling up to 20. Begin to halve and quarter. Time - Begin to name the days of the week and understand the terms tomorrow and yesterday. Time Begin to name the months of the year and understand what events happen in certain months – eg summer holidays 	<ul style="list-style-type: none"> Count in 2s, 3s, and 5s forwards and backwards. Learn by heart and at speed 1, 2, 5, 10 and 0 times tables. Divide by/share by 2, 5 and 10. Recognise place value of 2 digit numbers. Odds and Evens. Addition and subtraction facts within 20. Use related facts to generate number bonds to 100. Doubling and Halving. Quartering. Compare measures – m/cm, kg/g, l/ml. Time – quarter to/past. Time – know the days of the week, yesterday, tomorrow etc. Time – know the months of the year. Money – make amounts/totals. Shape – know, recognise and name - square, rectangle, circle, triangle, octagon, 	<ul style="list-style-type: none"> Count in 3s, 4s, 8s, 50s and 100s forwards and backwards. Learn by heart and at speed 4, 8, 3, 6 and 12 times table. Know correlating divides to the above times tables. Find 10 and 100 more/less than. Recognise place value of 3 digit numbers. Add and subtract numbers mentally to 20 and 100, 3 digit and ones, 3 digit and tens, 3 digit and hundreds. Number bonds to 10, 20 and 100. Doubling and Halving. Quartering. Odds and evens. Compare measures – m/cm/mm, kg/g, l/ml. Begin to read time at speed - 	<ul style="list-style-type: none"> Count in 6s, 7s, 9s, 11s, 25s and 1000,s forwards and backwards. Learn by heart and at speed 9, 7 and 11 times tables. Practise and rehearse all times tables up to 12 x 12. Recall at speed – 5 seconds. Recall square numbers. Count forwards and backwards below zero. Recognise place value of 4 digit numbers. Begin to recognise place value of decimal numbers. Find 1000 more/less. Round to 10, 100 and 1000. Roman Numerals to 100. Number bonds to 10, 20, 100, 200 and 1000. Multiply and divide by 10 and 100. Divide 1 digit numbers by 10. To know by heart tenths as decimals. To know half, quarter and three quarters as decimals. Doubling and Halving. Quartering. 	<ul style="list-style-type: none"> Count forwards and backwards in steps of powers of 10. Practise and rehearse all times tables up to 12 x 12. Recall at speed – 5 seconds. Recall square numbers. Count forwards and backwards below zero. Round to 10, 100, 1000, 10,000 and 100,000. Round decimals with two decimal places to whole numbers and to one decimal place. Roman Numerals. Multiply and Divide whole numbers and decimal numbers by 10, 100 and 1000. Understand the terms, recognise and generate Prime numbers, Square numbers and Cube Numbers. Number bonds to 10, 20 and 100, 1000 etc. Doubling and Halving. 	<ul style="list-style-type: none"> Round to 10, 100, 1000, 10,000 and 100,000. Round decimal numbers to nearest whole number and one decimal place. Practise and rehearse all times tables up to 12 x 12. Recall at speed – 5 seconds. Recall square numbers. Multiply and Divide whole numbers and decimals by 10, 100 and 1000. Roman Numerals. Number bonds to 10, 20 and 100, 1000 etc. Doubling and Halving. Quartering. Fractions of numbers. Recall and use equivalences between simple fractions, decimals and percentages. Find 1%, 10%, 25%, 50% of whole numbers. Odds and evens.

		<p>and understand which month comes after and before etc.</p> <ul style="list-style-type: none"> • Time – O’Clock and half past. • Time - Recognise and name 3D Shapes – cube, cuboid, cylinder, pyramid, cone & sphere. • Time - Recognise and name 2D shapes – square, rectangle, circle, triangle. 	<p>hexagon, pentagon.</p> <ul style="list-style-type: none"> • Shape - Recognise and name 3D Shapes – cube, cuboid, cylinder, pyramid, cone & sphere, square based pyramid, triangular based pyramid and triangular prism. 	<p>quarter to/past. Minutes to/past.</p> <ul style="list-style-type: none"> • Know the number of seconds in a minute and the number of days in each month, year and leap year. • Money – totals, change. • Revisit from Year 2 – Shape – know, recognise and name - square, rectangle, circle, triangle, octagon, hexagon, pentagon. • Revisit from Year 2: Shape - Recognise and name 3D Shapes – cube, cuboid, cylinder, pyramid, cone & sphere, square based pyramid, triangular based pyramid and triangular prism. • Recognise right angles in shapes. • Recognise parallel and perpendicular lines. 	<ul style="list-style-type: none"> • Find Unit Fractions of numbers. • Odds and evens. • Compare measures – m/cm/mm/km, kg/g, l/ml. • Confidently read the time - quarter to/past. Minutes to/past. • Practise calculating the passing of time. • Revise and rehearse seconds in minutes, minutes in hours, days in a weeks, weeks in a year, days in a year, days in a month. • Practise converting from hours to minutes; minutes to seconds; years to months; weeks to days. • Money – totals, change. • Shape – revise 2D and 3D shapes from previous years. • Recognise and name all quadrilaterals and triangles. • Spot lines of symmetry within a shape. • Recognise right angles in shapes. • Recognise parallel and perpendicular lines. 	<ul style="list-style-type: none"> • Quartering. • Fractions of numbers. • Know simple fractions (tenths, half etc) as decimals. • Odds and evens. • Compare measures – m/cm/mm, m/km, kg/g, l/ml. • Read time confidently and at speed. • Calculate the passing of time. • Money – totals, change. • Revise and rehearse seconds in minutes, minutes in hours, days in a weeks, weeks in a year, days in a month. • Practise converting from hours to minutes; minutes to seconds; years to months; weeks to days. • Shape – revise and name all 2D and 3D shapes. • Recognise and name all quadrilaterals and triangles. • Spot lines of symmetry within a shape. • Recognise right angles in shapes. • Recognise parallel and perpendicular lines. • Distinguish between regular and irregular polygons. 	<ul style="list-style-type: none"> • Compare measures – m/cm/mm, kg/g, l/ml, miles and KM. • Read time confidently and at speed and calculate the passing of time. • Money – totals, change. • Revise and rehearse seconds in minutes, minutes in hours, days in a weeks, weeks in a year, days in a year, days in a month. • Practise converting from hours to minutes; minutes to seconds; years to months; weeks to days. • Shape – revise and name all 2D and 3D shapes. • Recognise and name all quadrilaterals and triangles. • Spot lines of symmetry within a shape. • Recognise right angles in shapes. • Recognise parallel and perpendicular lines. • Distinguish between regular and irregular polygons.
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